Thursday, June 01, 201	,						Drill Log:	NSH-004B	
ŭ	538602.013 393838.352	Length: Azimuth:		•	Gunnison North Star	Drill Started: Drill Completed:	10/3/2012		GeoLogged By: Je. Bickel
J	AZSP_EZ_NAD27	Dip:	-90	Claim Owner:	Connie Johnson	Core Size (ft):			GeoLogged By 2: C. Barnes
Survey Method:	DGPS	Elevation:	4839			Contractor: Pre-Collar Contractor:	BJ Drilling		TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper 1 of 14

				Geology								Assay					SG/M	1agsus	5			Fractu	re Mappir	g	
Depth	RQD	SO Frac. Intensit 인 (1-5)	y Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	10	% Lno	CuAS %	% NOno	Mo %	Geo SampleID	From	<u>و</u>	SG	MagSus	M.F.C.	M.F.o.	N.F.C.	N.F.O	:
	9 20			22. 45. 67.								2, 4	- 5	. 2 4	1.						7 0.	13.5	- 80	15.	22.
5 - 10 - 115					Qam	Qal																			

Thursday, June 01, 201	/						Drill Log:	NSH-004B	
•	538602.013 393838.352	Length: Azimuth:		•	Gunnison North Star	Drill Started: Drill Completed:	10/3/2012		GeoLogged By: Je. Bickel
Datum/Zone:	AZSP_EZ_NAD27	Dip:		Claim Owner:	Connie Johnson	Core Size (ft):			GeoLogged By 2: C. Barnes
Survey Method:	DGPS	Elevation:	4839			Contractor: Pre-Collar Contractor:	BJ Drilling		TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper 2 of 14

				Geology					Geology				Assay					SG/	Magsu	s			Fr	actur	е Мар	ping	
Depth	6	CoreLoss	Frac. Intensity (1-5)	/ Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	% Lno	CuAS %	% CnCN	% ow	Geo SampleID	From	70	SG	MagSus	M.F.C.		M.F.O.	Э.		N.F.O
	20.	e e			22.5 45.								2. 4.	← ~	. 9 4	- - 6						10.	20	3.5	- : ∞	15.	1.5
	= ;																							1			1
	∃¦				1 1 1								-									i		ŀ			
80	∄ ¦				1 1 1										;	1						i		i			
	∄¦				1 1 1																	1		1			
85	∄ ¦				1 1 1																	1		1			
	1				1 1 1								1									1		1			1
	∃¦				1 1 1											1						1		1			1
90	∃¦				1 1 1								- 1									1		1			-
	1 :				1 1 1								-									1		1			
95	∄¦				1 1 1											1						1		1			
	∄¦				1 1 1																	1		1			1
100	∄;				1 1 1																	- 1		1			
100	= :				1 1 1																	-		-			
	Ξ:				1 1 1											!								-			
105	∃ ¦				1 1 1																	- 1		1			
	∄ ¦				1 1 1																	- 1		1			
110	∄ ¦				1 1 1																			!			!
	∄ :				1 1 1	Qam	Qal																	!			
115	3 ;				1 1 1																	- 1		1			
113	=				1 1 1																	- 1		1			
	∃ :				1 1 1																			-			!
120	∄ ;				1 1 1											!								-			
	∄ ¦				1 1 1																	- 1		1			
125	∄ :				1 1 1																	- !		-			
	Ξ:				1 1 1								!											!			
130	= :				1 1 1								 														!
130	Ξ:																										
	∄:				1 1 1								i											1			
135	∄ :				1 1 1								1									- 1					
	∄ :				1 1 1								- 1			!						- !		!			!
140	∄;				1 1 1								!											1			
	∄:				1 1 1								!											-			
	= :				1 1 1																	- !		1			
145					1 1 1								- 1									- !		-			:
	=				 									1										-			!
					1 1 1								- 1			<u> </u>						- 1		1			

Thursday, June 01, 201	7						Drill Log:	NSH-004B	
•	538602.013 393838.352	Length: Azimuth:		•	Gunnison North Star	Drill Started: Drill Completed:	10/3/2012		GeoLogged By: Je. Bickel
•	AZSP_EZ_NAD27	Dip:		Claim Owner:	Connie Johnson	Core Size (ft):	DI Deillin -		GeoLogged By 2: C. Barnes
Survey Method:	DGP3	Elevation:	4839			Contractor:			TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper than 880' depth for a proper successful hydrology test. 3 of 14

1]			Geology Assay										SG/	Magsu	s			Frac	cture	Маррі	ng					
Depth	RQD	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	6	% Lno	CuAS %	% NOno	% oM	Geo SampleID	From	ဥ	SG	MagSus	M.F.C.	M.F.O.		N.F.C.		N.F.O
	20.			22.5 45.								2, 4,	1.	. 2.	2						10.	3.5	27.	-i 8i	15.	1.5
155 160 165 170 175 180 185 190 195				Table Tabl		Qal															01	98	28		27	41.5

Thursday, June 01, 201	/						Drill Log:	NSH-004B	
Easting:	538602.013	Length:	1040	Project:	Gunnison	Drill Started:	10/3/2012		GeoLogged By: Je. Bickel
Northing:	393838.352	Azimuth:	0	Location:	North Star	Drill Completed:			GeoLogged By 2:
Datum/Zone:	AZSP_EZ_NAD27	Dip:	-90	Claim Owner:	Connie Johnson	Core Size (ft):			,
Survey Method:	DGPS	Elevation:	4839			Contractor:	BJ Drilling		C. Barnes
						Pre-Collar Contractor :			TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper than 880' depth for a proper successful hydrology test. 4 of 14

									Geology				Assay					SG/	Magsu	s			Fractu	ıre Map	ping	
	Depth	RQD CoreLoss	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	% Lno	CuAS %	% CnCN	Mo %	Geo SampleID	From	Т0	SG	MagSus	M.F.C.	M.F.O.	2		N.F.O
	C	. 00			22.5 45.								2. 4	1.	. 2.	+ 6						10.	3.5	7.7- ×	15.	1.5
	П	1			1 1 1									-		_						i	4			+
	=				1 1 1								1		1	1						1				
23	Ē	1			1 1 1								1	1	1							1	1	1		1
2	, ∃	11											i	i	i	į						į	Li	i i		i
	=	1			1 1 1								i	- 1	i i	i						i				;
23	35 =				1 1 1								1	1	1	1						l I				
	Ξ				1 1 1								1		1	1						1				
	3				1 1 1								1	1	-	1						1	1	1		1
24	10 =	<u> </u>			1 1 1								i	- 1	1	i						į	l i			i
	=				1 1 1								i		1	i						i				
24	15				1 1 1								1	1	1	- 1						1				
	Ĭ	1			1 1 1								1		1	1						1				
	3				1 1 1								1	1	1	1						1	1	1		1
2	50 =	1			1 1 1								į	- 1		i						į	l i			į (
	=	i l			1 1 1								i		1	i						i		i		1
	∄				1 1 1								1	1	1	l I										
2	55	1			1 1 1								1		1							1				
	=	1			1 1 1								1	1	1	1						1	1	1 :		
26	50 <u>=</u>	i I											į	i	i	į						į	l i	i		i l
	∃	i l			1 1 1	Qam	Qal						i	- 1	i i	i						i		- 1		1
	3				1 1 1								1	1	1	- 1						1				
26	35 =				1 1 1								1		1	1						1				
	=	1			1 1 1								1	1	1	1						1	1	1		1
27	Ē	i I											i	i	i	i						į	Li	i		i
2	∃	1			1 1 1								i	i	i i	i						i				;
	=	1			1 1 1								1		1	1						1				
27	′5∃				1 1 1								1		1	1						1				
	3				1 1 1								1		1	1						l I				
	. 3				1 1 1								i	1	1	i						i	1			
28	30 =				1 1 1								i	- 1	1	i i						į	l i			
	=				1 1 1								i	1	1	i										;
28	35 E				1 1 1								1									1				;
20	~ 🖠				1 1 1								1	i		į						1	1			
	₫	11			1 1 1								į	- 1	1	1						į	Li			i l
29	90				1 1 1										1							1				
	3				1 1 1								1	1	1							1				
	_				1 1 1								1	1	1	1						1				
29	95 =												i	i	i	i						i	l i	i		
	∃				1 1 1								i			i						i				;
	_=	1	<u> </u>		1 1 1								I	ı	ı	ı						ı				

Thursday, June 01, 201	7					Drill Log:	NSH-004B	
•	538602.013 393838.352	Length: Azimuth:	•	Gunnison North Star	Drill Started: Drill Completed:			GeoLogged By: Je. Bickel
Datum/Zone: Survey Method:	AZSP_EZ_NAD27 DGPS	Dip: Elevation:	Claim Owner:	Connie Johnson	Core Size (ft): Contractor: Pre-Collar Contractor :			GeoLogged By 2: C. Barnes TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper than 880' depth for a proper successful hydrology test. 5 of 14

									Geology				Assay					SG/	Magsu	s			Fractu	ıre Mar	ping	
		RQD	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	70	CuT%	CuAS %	CuCN %	Мо%	Geo SampleID	From	То	SG	MagSus	M.F.C.	M.F.O.	2		N.F.O
	50	. o			22.5 45.								2. 4.	1.	. 2 4	+ 6						10.	3.5	1.		1.5
30	0=	1				Qam	Qal								-							ı	1			1
	Ξ				1 1 1								1			1						1				
100	. 🗐	1			1 1 1								1	1	-							l I	1			1
30	5 =												i	i		į						į	l i			į
	1				1 1 1								i	- 1	i	i						i				i
31	<u> </u>				1 1 1								1	1	-	- 1						l I				
	=				1 1 1								1		-	1						1				1
	3	:			1 1 1								1			1						1	1			
31	5 =				1 1 1								i	- 1	1	į						į	l i			į
	=				1 1 1								i		-	i						i				
32	Ē				1 1 1								1			I I						1				1
32	1	1			1 1 1								1	1	-	1						1				1
	3				1 1 1								1	1		1						1				1
32	5-				1 1 1								i	- 1	1	i						į	l i			į
	3				1 1 1										-	1						i				i
	3				1 1 1								1		-	1						1				1
33	0 =				1 1 1								1	1		1						l I				1
	=				i i i								i	i	i	i						i				į
33	5 =				1 1 1								- 1	- 1	i							į				
33	´ 🗐				1 1 1	Qag	Qal						i	1		1						i				i
	3				1 1 1	Qag	Qai						1			1						1				1
34) <u> </u>				1 1 1								1			-						1				1
	3				1 1 1								i	i	i	i						i				i
١	_ ∄				1 1 1								- 1		1	i						į				
34					1 1 1								i	i	-	I I								;		i
	1				1 1 1								1			1						1				1
35	<u> </u>				1 1 1								1			- 1						1		1 :		
	Ξ	:			1 1 1								1			1						I I	1			
	1				1 1 1								i	i	i	į						į	l i			į
35	5 =				1 1 1								i	- 1	1	i						i				i
	=				1 1 1								1	1		1						1				1
200	, =				1 1 1								1			1						I I				1
36	7												i	i		į						i	l i			i l
	1				1 1 1								- 1	1	1	1						1				
36	5-				1 1 1										-	1						1				
	₫				1 1 1								1		-	1						1				
	3				1 1 1								1		i	i						1				
37	0 =	il			1 1 1								į	- 1	i	i						į	i			i l
	=				1 1 1								-	1		1						1				
					1 1 1								1	1	I	1						- 1	1	1 1		ı

Thursday, June 01, 201	7					Drill Log:	NSH-004B	
•	538602.013 393838.352	Length: Azimuth:	•	Gunnison North Star	Drill Started: Drill Completed:	• •		GeoLogged By: Je. Bickel
Datum/Zone: Survey Method:	AZSP_EZ_NAD27 DGPS	Dip: Elevation:	Claim Owner:	Connie Johnson	Core Size (ft): Contractor:			GeoLogged By 2: C. Barnes TechLogged By:
					Pre-Collar Contractor :			recircogged by.

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deep	er 6 of 14
than 880' depth for a proper successful hydrology test.	

								Geology				Assay	,				SG/	'Magsu	S			Fractu	re Mapping	5
Depth	RQD	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	То	CuT %	CuAS %	% CnCN	% %	Geo SampleID	From	7	SG	MagSus	M.F.C.	M.F.O.	A.F.C.	N.F.O
	90.			22.5 45. 67.5								2 4	+ - 0	. 4	<						10.	3.5	.← ∞ i	1.5
380 - 380 - 385 -					Qag	Qal																		

Thursday, June 01, 201	7						Drill Log:	NSH-004B	
ū	538602.013 393838.352	Length: Azimuth:		•	Gunnison North Star	Drill Started: Drill Completed:	• •		GeoLogged By: Je. Bickel
ŭ	AZSP_EZ_NAD27	Dip:			Connie Johnson	Core Size (ft):			GeoLogged By 2: C. Barnes
Survey Method:	DGPS	Elevation:	4839			Contractor:	BJ Drilling		TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper than 880' depth for a proper successful hydrology test. 7 of 14

									Geology			1	Assay					SG/	Magsu	s			Fractu	re Mappin	5
Depth	.	RQD	Frac. Intensity (1-5)	Features		Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	To	CuT %	CuAS %	% NONO	Wo %	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.O.	A.F.C	N.F.O
	50.	ë			22.5 45. 67.5								2 4	+ 2	. 2. 4.	2						10.	3.5	80 <u>.</u>	1.5
450	=	1											1		i								1		†
	=	Ш														-						-			
455	4												i									i			
	3	H											i	i	i	i						į			
460	.∄				1 1 1								1	1	1	1						1	1		
460	1				1 1 1								1	I I	1 1	1						1		1	
	1				1 1 1								1	1	1	1						1		1	
465	1												1	-	-	1									
	1												i			-						i			
470	1				i i i								i	i	i	i						i	i	i	
	1				1 1 1								1	 	1	1						1	- 1	1	
475	=				1 1 1								1	I I	1	1						1		1	
	4				1 1 1								1	1	1	 						!		1	
480	4												1			-									
													i									į			
485	1				1 1 1								1	i i	i i	l I						i	1		
	1				1 1 1	Qag	Qal						1	1	1	1 1						1	- 1		
490	3				1 1 1								1	!	!	 						!			
430	3				 									1		1									
405													i	i	i	i						į	i	i	
495	1				1 1 1								1	I I	1	1						1	 	1	
	3				1 1 1								1	I I	1	1 1						1	- 1		
500					1 1 1								1		-	1						!			
	1				 								i		-	1									
505	1												i	i	i	i						į			
	=				1 1 1								1	1	1	1						i	1	1	
510	=				1 1 1								1	I I	1	1 1						1	I I		
	=				1 1 1								1		1	1						1			
515	4				1 1 1																	1			
	=	i											į		-	-						į			
520	1				1 1 1								1	i	i	i						i I	i		
1320	=				1 1 1								1	1	1	1						1	1	1	
		1			1 1 1								1	1	1	1						1	1	1	

Thursday, June 01, 201	7						Drill Log:	NSH-004B	
•	538602.013 393838.352	Length: Azimuth:		•	Gunnison North Star	Drill Started: Drill Completed:			GeoLogged By: Je. Bickel
ū	AZSP_EZ_NAD27	Dip:			Connie Johnson	Core Size (ft):			GeoLogged By 2: C. Barnes
Survey Method:	DGPS	Elevation:	4839			Contractor:	BJ Drilling		TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper than 880' depth for a proper successful hydrology test. 8 of 14

						1			Geology				Assay					SG/	Magsu	s			Fractu	ıre Mappi	ng
d t		RQD	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	٥	% LnO	CuAS %	% NONO	% ow	Geo SampleID	From	10	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
	50.	8			22.E 45.								2. 4.	- 5	. 2. 4.	+, 2						9 0.	3.5	4.	1.5 1.5
525	5₫												i		i								1		
	3												i		i							i	l i		
530	Ē												į	i	i	i						i	l i		
	`∄				1 1 1								i	i	i	i						j	1		
	3				1 1 1								i	i	i	i						i	i		
535	5				1 1 1								i I	i	i	i						i I	i		
	1				1 1 1								1	1	1	1						1	1		
540)=				1 1 1								1	- 1	1	1						1	1	1	
	=				1 1 1								1		1	1						1			
545	5 <u>-</u>				1 1 1										!	!									
	1													-	i							1			
550	, 🗐												i		i	- ;						i			
	3				1 1 1								i I	i	i	i						i		i	
555	. ∄	:			1 1 1								1	1	1	1						1	1		
555	`∃				1 1 1								1	-	1	1						1			
	1				1 1 1								1	-	1	1						1	1		
560)=					Oag	Qal						1	-	!	!						! !			
	1																								
565	5=												į	i	i	i						i			
	1				1 1 1								i	i	i	i						i I	i		
570)=				1 1 1								1	1	1	1						1	1		
	1	:			1 1 1								1	1	1	1] 	1	1	
575	;∄				1 1 1								1		-	!						1			
"														-	1	1						i i			
580	ͺ∄															i						1			
300	′∄				1 1 1								i	i	i	i						i			
	3	:			1 1 1								1	1	1	1						1	1		
585	5=				1 1 1								1	-	1	1						1	1		
	1				1 1 1								1	- 1	1	1						1	1		
590)=	!			1 1 1								!		1							 			
	=																					1			
595	; <u> </u>												i									1			
	1	1											i I	i	i	i						i I			

Thursday, June 01, 201	7						Drill Log:	NSH-004B	
•	538602.013 393838.352	Length: Azimuth:		•	Gunnison North Star	Drill Started: Drill Completed:	10/3/2012		GeoLogged By: Je. Bickel
•	AZSP_EZ_NAD27	Dip:		Claim Owner:	Connie Johnson	Core Size (ft):	DI Deillin -		GeoLogged By 2: C. Barnes
Survey Method:	DGP3	Elevation:	4839			Contractor:			TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper than 880' depth for a proper successful hydrology test. 9 of 14

								1	Geology				Assay					SG/	Magsu	s			Fractu	re Mappin	g
,	Depth	RQD	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	10	% LnO	CuAS %	% NONO	% ом	Geo SampleID	From	6	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
	C	<u>;</u> g			22. 45.								2. 4.	+ 2	. 2. 4.	-, 2						9 0.	3.5	8.	1.5
60	0=												i		i	i						i	ì		
	4				1 1 1								1		i I	i I						i	i		
60	5=				1 1 1								1		i I	i I						i I	i	1	
		:			1 1 1								1		1	1						1	1	1	
	3	1			1 1 1								1	-	1	1						1		1	1
61	0=				1 1 1								1	-	1 1	1 1						1	 	1	
	1				1 1 1								1	-	1	1						1			
61	5 =				1 1 1										1	1						l I			
					1 1 1								- !			1						! !			
62	0=														i	į						!			
	4												i		i	i						i			
62	5				1 1 1								į	i	i	i						i	i		
02	=	:			1 1 1								1	- 1	1	1						1	 	1	1
	. =	1			1 1 1								1	- 1	1	1						1		1	
63	0 =				1 1 1	Oag	Qal						1	-	 	1 1						1	 	1	
	1	1			1 1 1		Qu.						1		1]]]]	 	1	1
63	5 =	;			1 1 1										1	1 1						l I			
	=														!	1						1			
64	0-															į						į			
	3				1 1 1								i		i	i						i			
64	5												i		i	i						i		i	
0.					1 1 1								i	i	i	i						i	i		
	. =	:			1 1 1								1		1	1						1	1	1	1
65	<u> </u>	1			1 1 1								1		1	1 1						1	 	1	1
	=				1 1 1										1	 						l I			
65	5				1 1 1										!	1									
	=															! !						!			
66	0=												- [1						1			
	=												i		i	1						1			
66	5=												i		i	i						i			
							7						i	i	i	i						i I	i		
	. =	:			1 1 1								i I	i	i	i						i I	i		
67	0	1					D/						1	-	1	1						1	1		1
	_=	1	<u> </u>		1 1 1		\						- 1	1	1	1						1	l I	1	1

Thursday, June 01, 2017 **Drill Log: NSH-004B** GeoLogged By: **Easting:** 538602.013 Length: 1040 Project: Gunnison **Drill Started:** 10/3/2012 Je. Bickel Northing: 393838.352 Azimuth: 0 **Drill Completed:** Location: North Star GeoLogged By 2: Datum/Zone: AZSP_EZ_NAD27 **Dip:** -90 Claim Owner: Connie Johnson Core Size (ft): C. Barnes Survey Method: DGPS Elevation: 4839 Contractor: BJ Drilling TechLogged By: Pre-Collar Contractor :

10 of 14

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper

									Geology				Assay					SG/	Magsu	s			Fractu	ге Марріі	g
Depth	GO S	CoreLoss	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	То	CuT%	CuAS %	% CnCN	Mo%	Geo SampleID	From	7	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
	20.	9			22. 45. 67.5								2 4	1.	. 2. 4.	+ 2						10.	3.5	. 68	15. 1.5
675							111															 			
680														 	 	 - - -						 			1 1 1
685														 	 							 			
690																						 			
700	=======================================												 - - -			 						 			
705	= 1		5				7								-							1			
710	===		3		1 1 1 1 1 1 1 1 1		7							 	1	- - - - -						 			
715			5			Dm	7								1	 - - -						 			
720	=======================================						7															 			
725	= :		2				7						 - - -		! ! !	 - - -						! ! !			
730																						 			
735			2				7						 	 		; 						1 1 1 1			
740													1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	 - - - -						 			
745	1		2				7						1 1		 	 - - -						1 1 1 1			1 1

Thursday, June 01, 201	/					Drill Log:	NSH-004B	
•	538602.013 393838.352	Length: Azimuth:	•	Gunnison North Star	Drill Started: Drill Completed:	10/3/2012		GeoLogged By: Je. Bickel
Datum/Zone: Survey Method:	AZSP_EZ_NAD27 DGPS	Dip: Elevation:	Claim Owner:	Connie Johnson	Core Size (ft): Contractor: Pre-Collar Contractor :			GeoLogged By 2: C. Barnes TechLogged By:

11 of 14

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper than 880' depth for a proper successful hydrology test.

								Geology				Assay					SG/Ma	agsus				Fractu	е Марріі	ng
Depth	RQD	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	% Lno	CuAS %	% NONO	Wo %	Geo SampleID	From	٥	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
	20.			22.5 45. 67.5								2, 4	6	. 9. 4.	- 2						70.	3.5	; - ∞	1.5 1.5
750		2			Dm	\D						- 1			İ						i			
750						4 7 4						 			i									
						* * *						i			i						i			
755		4		1 1 1		y						i	1		i						i	i	i	
	1			1 1 1		,						1	I I	l I	1						1			
760				1 1 1								1	-	-	1						1			
-				1 1 1								- 1			I I						1			
765		4				V A						 			1						1			
-						√ y « ∀ 4									i I						i			
770			-	i i i	Cau	∀						i	i	i	i						i	i	i	
1 -				1 1 1		∀						1	-	-	1						1			
775		4		1 1 1		7 4						- 1		-	1						1			
						V V 4						 			1						1			
780						* * *						i			i I						i			
700				i i i		¥.						i	i	i	i						i	i	i	
				1 1 1								1		1	1						1			
785		4		1 1 1		1 7 1 7 1 1 7 1						1	-	-	1						l I			
						∀ 4						 			1						1			
790						Z,						i			İ						i			
1 1				1 1 1		7						i	i		i I						i	i	i	
795		4		1 1 1		7						1	-	-	I I						1	1		1
1 -				1 1 1		7						- 1			I I						1			
800												1			i I						1			
-				i i i		7						į	i		i						i		l i	
805	1	2		1 1 1		\ <u>\</u>						1	- 1	-	1						1			
				1 1 1	Dm	\ <u>D</u>						1	-	-	1						1			
810				1 1 1		1						- 1		!	I I						1		!	
						7									I I									
815		2		i i i								i	i		i						i		l i	
013				1 1 1		7						i		i	i I						i I	i	1	
				1 1 1		7						1		-	1						1	1	1	
820		4		1 1 1		7						- 1			1						 			
	4			1 1 1					<u> </u>			- 1		ı	1				1		1			

Thursday, June 01, 201	/					Drill Log:	NSH-004B	
Northing:	538602.013 393838.352 AZSP_EZ_NAD27 DGPS	Length: Azimuth: Dip: Elevation:	0 -90	Project: Gunnison Location: North Star Claim Owner: Connie Johnson	Drill Started: Drill Completed: Core Size (ft): Contractor: Pre-Collar Contractor:	BJ Drilling		GeoLogged By: Je. Bickel GeoLogged By 2: C. Barnes TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper than 880' depth for a proper successful hydrology test.

12 of 14

									Geology				Assay					SG/	Magsu	s			Fractu	ıre Mapp	ing	
Depth	RQD	CoreLoss	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	To	% Lno	CuAS %	% NOno	Wo %	Geo SampleID	From	То	SG	MagSus	M.F.C.	M.F.O.	N.F.C.		N.F.O
	50.				- 22. - 45. 67.								2 4	- 1.	. 2. 4.	- 2						9 9	13.5	8 -	15.	41.5
825															1 1 1	 						1 1 1	 			1
830 -			4												1 1 1	1 1]]]]				
835 -															1 1 1							1 1				
840 -							7								1							 				
845 -			2		 		7							 - -	1 1 1							1 1 1 1				! ! !
850 -							7								1 1 1 1							 				1
855 -			2				7								 	 - - -						 				1
860 -						Dm	1								1							1				
865			2		 		7						-	1 1	1							 		1		
870 -							1								1 1 1							 		1		
875			2				7								1 1 1							 	 			
880 -					 		7								1							 				
885 -			2										 - - -		 	 						 	 			
890 -					 								 		1 1	- - -						 				
895 -	- - - - - - - -		2				1						 	 	 	 - - -						 	 	1		

Thursday, June 01, 2017 **Drill Log: NSH-004B** GeoLogged By: **Easting:** 538602.013 Length: 1040 Project: Gunnison **Drill Started:** 10/3/2012 Je. Bickel Northing: 393838.352 Azimuth: 0 **Drill Completed:** Location: North Star GeoLogged By 2: Datum/Zone: AZSP_EZ_NAD27 **Dip:** -90 Claim Owner: Connie Johnson Core Size (ft): C. Barnes Survey Method: DGPS Elevation: 4839 Contractor: BJ Drilling TechLogged By: Pre-Collar Contractor:

13 of 14

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper

					1			Geology				Assay					SG/Ma	agsus				Fracture Mapping		
Depth	RQD	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	% Lno	CuAS %	% NOno	Mo %	Geo SampleID	From	٥	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O
	20.			22.5 45. 67.5								2, 4	- 2	. 9. 4.	- 2						70.	3.5	; - ∞	1.5
900		2				7								-	 						 			
905		3										 	-	 	 						 			
910						7						 		1	1						 			
915		3				7						1	-	1	 						 			
925		3			Dm	\ \ D \						 	-	 	 						1 1 1 1			
930				1 1 1 1 1 1 1 1 1 1 1 1		7						 	-	 	1 1 1 1						1 1 1 1			1 1 1
935		3										 		 	1 1 1 1 1						 			
940						7						1	-	 	 						 			
945		4				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						 	-	1	! ! ! !						 			
950		4		1 1 1 1 1 1 1 1 1 1 1 1								1	-	 	1 1 1 1						1 1 1 1			
960					C	V i								1 1	 						 			
965		3			Cau	***						1		 	 						 			
970		3		1 1 1 1 1 1 1 1 1 1 1 1								 	 		 							 		

Thursday, June 01, 201	,			Drill Log:	NSH-004B				
Easting:	538602.013	Length:	1040	Project:	: Gunnison	Drill Started:	10/3/2012		GeoLogged By: Je. Bickel
Northing:	393838.352	Azimuth:	0 -90	Location	: North Star	Drill Completed:			
Datum/Zone:	AZSP_EZ_NAD27	Dip:		Claim Owner:	: Connie Johnson	Core Size (ft):			GeoLogged By 2: C. Barnes
Survey Method:	DGPS	Elevation:	4839			Contractor:	BJ Drilling		
						Dua Callay Cambrastay			TechLogged By:

Comments: NSH-004 was the original hydrology hole. There was a cave-in/collapse at 880' depth that inhibited NSH-004 from continuing. NSH-004B was drilled to mirror both 4/4P and drill deeper

than 880' depth for a proper successful hydrology test.

14 of 14

						- 1				II hydrology test.								ı									
	QD		Frac.					I		Geology				Assay			1		SG/Mag		S			Fracture Mappin			
Depth	RQD	CoreLoss	Intensit (1-5)	y Features	Value	e	Fm	Rock	Alt	LithologyDescription	Core Sample ID	From	2	CuT%	CuAS %	% NONO	% ow	Geo SampleID	From	2	SG	MagSus	M.F.C.	M.F.O.	N.F.C.	N.F.O	
	50.				22.5	67.5								2. 4	<	. 21 4	÷ ∘						10.	3.5	- 8 r	25 -1-	
975			3			1								 	1												
980					 	1 1 1									1									1 1 1			
985			3			1 1 1 1 1		 ()) () ()) () () ()) () () ()) () () ()) () () ()) () () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()) () ()						 		 							 - - -	1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
990					1 1	1 1 1											 										
995			3			1 1 1																					
1000						1 1 1									1 1												
1010						1 1 1		,T1,						- - - -			1										
1015					 	1 1 1 1 1								1 1 1	1									1 1 1			
1020					 	1 1 1								- - - -	1	 	 						! ! !	1 1 1 1 1			
1025					1 1	1 1 1																					
1030						1 1 1		* * * * * * * * * * * * * * * * * * *																			
1035						1 1 1 1 1		4 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						 													
1040						1 1 1 1								 									 - - - -				